

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A fracture-proof flat clasping floorboard piece, which has an elongated strip shape; a slot mortise formed along one of the long sides of the floorboard piece, a tenon provided along the other long side; the short sides of the floor board piece being also provided with a slot mortise and a tenon; an upper side wall of the slot mortise having a short end and a lower side wall of the slot mortise having a long end; an upper surface of the slot mortise being parallel to and having the same height with an upper surface of the tenon; characterized in that a V-shaped groove is provided in a lower surface of the slot mortise and a corresponding convexity is provided on a lower surface of the tenon; the convexity, in an insertion direction of the tenon, has an anti-self-locking oblique surface formed on a front end thereof; the anti-self-locking oblique surface forms a first angle with an upper surface of the floorboard strip; the first angle ranging from 15-35°; a corresponding oblique surface is formed on an external surface on the long end of the lower side wall of the slot mortise to engage with an anti-self-locking oblique surface of another floorboard; a rear end of the convexity matches [[perfectly]] with an external side surface of the V-shaped groove of the another floorboard to form a self-locking surface, which forms a second angle with the upper surface of the strip; the second angle ranges from 30-70°; and the external shape of the tenon corresponds with the shape of the slot mortise,

wherein an upper surface of a tenon of the another floorboard overlaps the upper surface of the slot mortise no less than 1-2 mm without deflection of the lower surface of the slot mortise and before the self-locking surface is formed as the floorboard piece is attached horizontally relative to the another floorboard.

2. (Previously presented) The fracture-proof flat clasping floorboard piece as claimed in Claim 1, characterized in that the long end of the side wall of the slot mortise is 2-4mm longer than the short end.

3. – 5. (Canceled)